

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Ute Tribal 34-04-D3				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT ANTELOPE CREEK				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK				
6. NAME OF OPERATOR PETROGLYPH OPERATING CO						7. OPERATOR PHONE 208 685-7685				
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Bosie, ID, 83703						9. OPERATOR E-MAIL ppowell@pgei.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 14-20-H62-4737			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Kenneth A. Moon						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') HC 64 Box 102, Duchesne, UT 84021						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		817 FNL 817 FWL		NWNW	34	4.0 S	3.0 W	U		
Top of Uppermost Producing Zone		817 FNL 817 FWL		NWNW	34	4.0 S	3.0 W	U		
At Total Depth		817 FNL 817 FWL		NWNW	34	4.0 S	3.0 W	U		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 17			23. NUMBER OF ACRES IN DRILLING UNIT 616				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 437			26. PROPOSED DEPTH MD: 6039 TVD: 6039				
27. ELEVATION - GROUND LEVEL 5751			28. BOND NUMBER LPM4138336			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342				
<b>Hole, Casing, and Cement Information</b>										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	20	14	0 - 55	5.0	Unknown	10.0	Class G	25	1.17	15.8
SURF	12.25	8.63	0 - 495	24.0	J-55 ST&C	10.0	Class G	227	1.17	15.8
PROD	7.88	5.5	0 - 6039	15.5	J-55 LT&C	10.0	Class G	430	1.92	12.5
							Class G	366	1.46	13.4
<b>ATTACHMENTS</b>										
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Ed Trotter				TITLE Agent			PHONE 435 789-4120			
SIGNATURE				DATE 07/03/2012			EMAIL edtrotter@easilink.com			
API NUMBER ASSIGNED 43013515540000				APPROVAL   Permit Manager						

**CONFIDENTIAL**  
**EIGHT POINT DRILLING PLAN**  
**PETROGLYPH OPERATING COMPANY, INC**  
**UTE TRIBAL 34-04-D3**  
**NW NW, SEC 34, T4S, R3W**  
**DUCHESNE COUNTY, UTAH**

**1. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:**

Formation		Subsea	MD
Rig KB=15' above GGL		5766	0
Surface Formation = Uinta			
Uinta		5751	15
Green River		4785	980
Trona		3425	2340
Mahogany Shale		3255	2510
"B" Marker	Waterflood Unit Interval	2097	3668
"X" Marker		1598	4167
Douglas Creek Marker		1462	4303
"B" Limestone		1059	4706
Base Castle Peak Limestone		489	5276
BSCARB		109	5656
Wasatch		-173	5938
Rig TD		-273	6039

**2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:**

<u>Substance</u>	<u>Formation</u>	<u>SUBSEA</u>	<u>MD</u>
Base of moderately saline ground water*	Uinta	5650	116
Oil/Gas	Douglas Creek	1462	4303
Oil/Gas	Castle Peak	489	5276

Any water encountered during drilling shall be sampled, analyzed and reported to the BLM Vernal office using State of Utah DOGM Form 7 *Report of Water Encountered during Drilling*. The following analyses shall be performed on any water encountered:

Flow rate (or blowtest)	Temperature	pH	TDS
Dissolved Iron	Dissolved Magnesium	Dissolved Bicarb.	Dissolved Sulfate
Dissolved Calcium	Dissolved Sodium	Dissolved Carbonate	Dissolved Chloride

All depths through the "Base of moderately saline ground water"\*, along with any water encountered below that depth which is less than 10,000 TDS, shall be protected by the surface casing or by lifting the cement of the production casing into the surface casing.

\*Base of Moderately Saline Groundwater from Howells, Longson and Hunt, 1981, Utah State Technical Publication 92: The Base of the Moderately Saline Water in the Uinta Basin, Utah



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**3. PROPOSED CASING PROGRAM:**

String	Hole	Casing	Top - MD	Bottom - MD	Weight lb/ft	Grade	Thread
Conductor	20"	14"	surface	54.5'	steel	Cond'r	none
Surface	12-1/4"	8-5/8"	surface	494.5'	24	J-55	STC
Production	7-7/8"	5-1/2"	surface	6039'	15.5	J-55	LTC

String	Hole	Casing	Collapse	Burst	Tensile
Surface	12-1/4"	8-5/8"	1,370 psi	2,950 psi	214,000 lb
Production	7-7/8"	5-1/2"	4,040 psi	4,810 psi	248,000 lb

- All casing will be new or inspected.
- The surface and production strings shall have a minimum of one (1) centralizer on each of the bottom three (3) joints.
- The production string shall have a minimum of one (1) centralizer for every three (3) joints from TD to the top of the "B" marker at 3668' MD.

**4. PROPOSED CEMENTING PROGRAM:**

String	Top Bottom	Cement Description	Sacks Vol (ft <sup>3</sup> )	Excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
Conductor	0 54.5	Construction Grade Cement	Sufficient volumes to grout Conductor			
Surface	0 494.5	Class G +2% CaCl <sub>2</sub> +0.25 lb/sk Cello Flake	227 265	30%	15.8	1.17
Production Lead	0 3668	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR <sup>1</sup> / <sub>4</sub> (LCM)	430 826	30%	12.5	1.92
Production Tail	3668 6039	EXPANDACEM (Class G +additives) + 1 lb/sk Granulite TR <sup>1</sup> / <sub>4</sub> (LCM)	366 534	30%	13.4	1.46

- The 8-5/8" surface casing shall be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.
- The 5-1/2" production casing shall be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, a remedial surface cementing operation shall be performed only if necessary to lift cement above the Trona at 2340' MD.

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**5. MINIMUM PRESSURE CONTROL AND SAFETY EQUIPMENT:**

- An 8", 2000 PSI, Double Ram BOPE with Hydraulic Closing Unit shall be used.
- A 2000 PSI Working Pressure Annular shall be used.
- The flowline shall have a minimum diameter of 10".
- Auxiliary equipment shall be a Kelly Cock, Bit Float, and a TIW valve with drill pipe threads.
- Spark arrestors shall be equipped on all engine exhausts within 100 feet of the wellbore.
- See attached 2,000 psi BOP schematic diagram.

**BOPE TESTING PROCEDURE:**

- The BOPE shall be tested by a professional tester to conform to Onshore Order #2.

**6. MUD PROGRAM:**

**A. SURFACE HOLE**

- The surface hole will be drilled with an air/mist system from 0' to 494.5'. All cutting shall be directed to pit.
- A trailer-mounted compressor with a capacity of 2000 CFM will be used. Compressor will have a safety shut-off valve located less than 15 feet from the driller's controls of the rig.
- The rat and mouse holes will be drilled with the air rig after surface casing is cemented.
- The 140 barrel water truck used with the deduster will be the source of kill fluid in the highly unlikely event of pressure being encountered during drilling of the surface hole.
- Operator requests the following variances from Onshore Order 2 part E during drilling of the surface hole. Operator will use air drilling techniques only on surface hole:
  - Operator requests a variance to regulations requiring the blooie line discharge to be 100' from the wellbore. Due to reduced location size, the blooie line discharge will be approximately 75' from the wellbore and securely anchored.
  - Operator requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. A mister shall be on the end of the blooie line.
  - Operator requests a variance to regulations requiring compressors be located in the opposite direction from the blooie line; a minimum of 100' from the wellbore. Due to the reduced location size, the compressors shall be located as close as is reasonable to the opposite direction from the blooie line and 75' from the wellbore.
  - Operator requests a variance to regulations requiring a BOPE on the hole when drilling the surface hole. An air bowl shall be utilized on the diverter system in place of a BOPE.

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**B. PRODUCTION HOLE**

- The production hole shall be drilled with a freshwater polymer system from 494.5' to 6039'. LSND mud if conditions warrant.
- Clay inhibition and hole stability shall be achieved with a Diammonium Phosphate (DAP) additive or similar source of clay-stabilizing ions. Anticipated mud weight is 8.3-8.4 lbs/gal.
- All cuttings and circulating medium shall be directed into the reserve pit. Total Dissolved Solids (TDS) are anticipated to be less than 3000 PPM.
- Sufficient mud inventory will be maintained on location in either tanks or the reserve pit during the drilling of the production hole to handle any adverse conditions that may arise.
- If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. Enough material shall be maintained on location to allow for the mudweight to be raised to 10.5 lbs/gal should need arise.
- During drilling operations, pit levels and flow from the well shall be monitored by instrumentation to include at least: a pit volume totalizer (PVT), a stroke counter, and a mud-flow indicator.
- A mud-gas separator shall be available on location. Operator does not plan on using a gas detector on the mud return due to the fact that any abnormal pressure is the result of offset water injection.

**C. HAZARDOUS MATERIALS AND POLLUTANTS**

- Chromate additives **shall NOT** be used in the mud system on Indian lands without prior BLM approval to ensure adequate protection of freshwater aquifers.
- Chemicals subject to reporting under SARA Title III in an amounts equal to or greater than 10,000 pounds annually **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities **shall NOT** be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.
- Hazardous substances specifically listed by the EPA as a hazardous waste, as defined in 40 CFR 261 (D), or any substances that through their use would lead to the generation of a hazardous waste, **shall NOT** be used in association with the drilling, testing, or completion of this well.



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**7. EVALUATION PROGRAM:**

Logs:	Triple Combo	TD to base of surface casing (AIT, DSN, CDL) Base of surface casing to surface (GR)
Cores:	None planned	
DST:	None planned	
Testing:	Operator plans no testing until the completion phase of the well.	

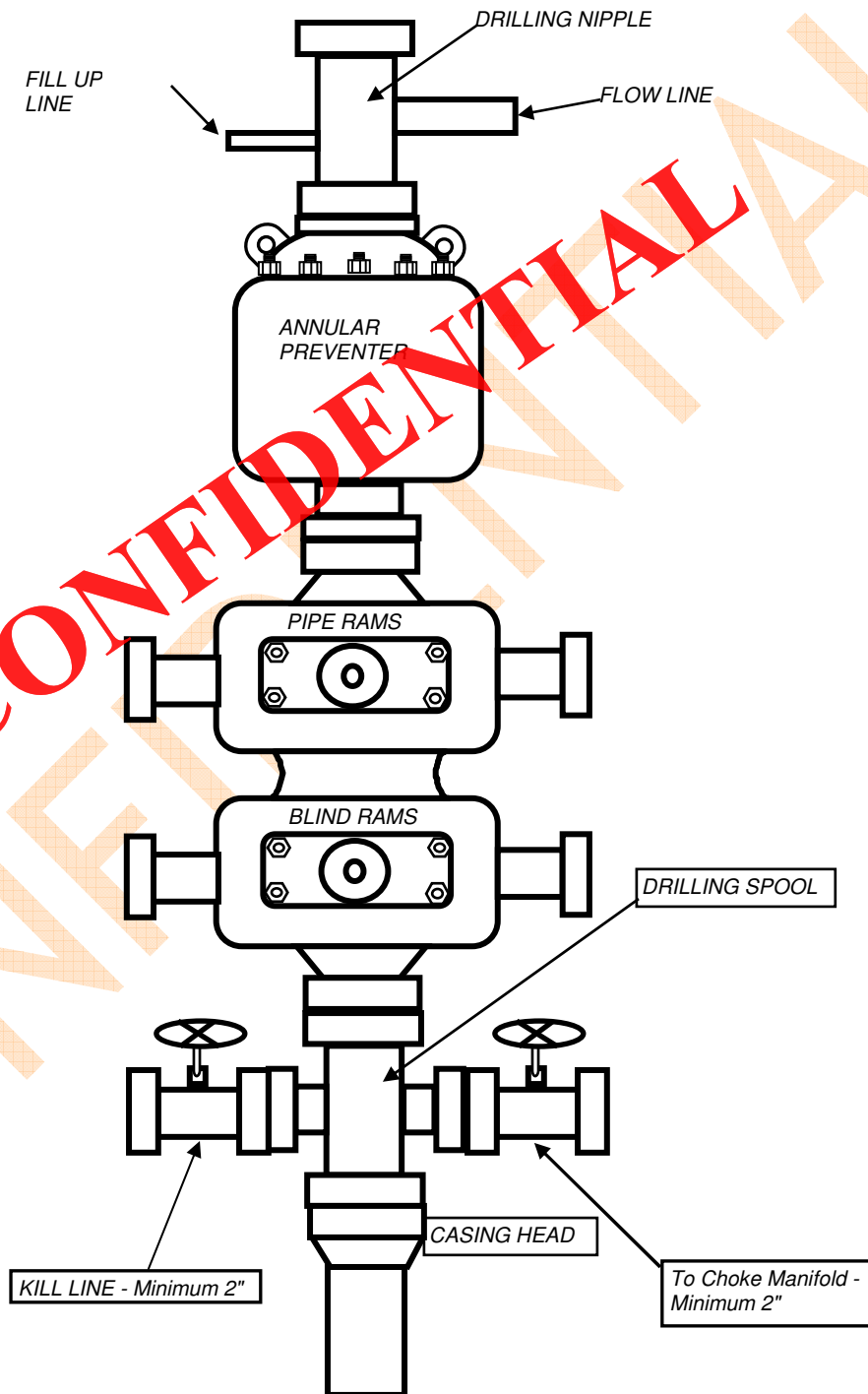
**8. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

- Operator anticipates Bottom Hole Temperatures below 150°F, the maximum temperature for DAP drilling fluids.
- No H<sub>2</sub>S has been encountered or is known to exist from previous drilling in the area at this depth.
- Maximum pressure for hydrocarbon bearing zones at native conditions in this area is approximately 1509.75 PSI (0.25 PSI/ft gradient).
- This well is in the vicinity of active injection wells. Nearby active injection can cause pressures up to a 0.433 PSI/ft gradient (2615 PSI).

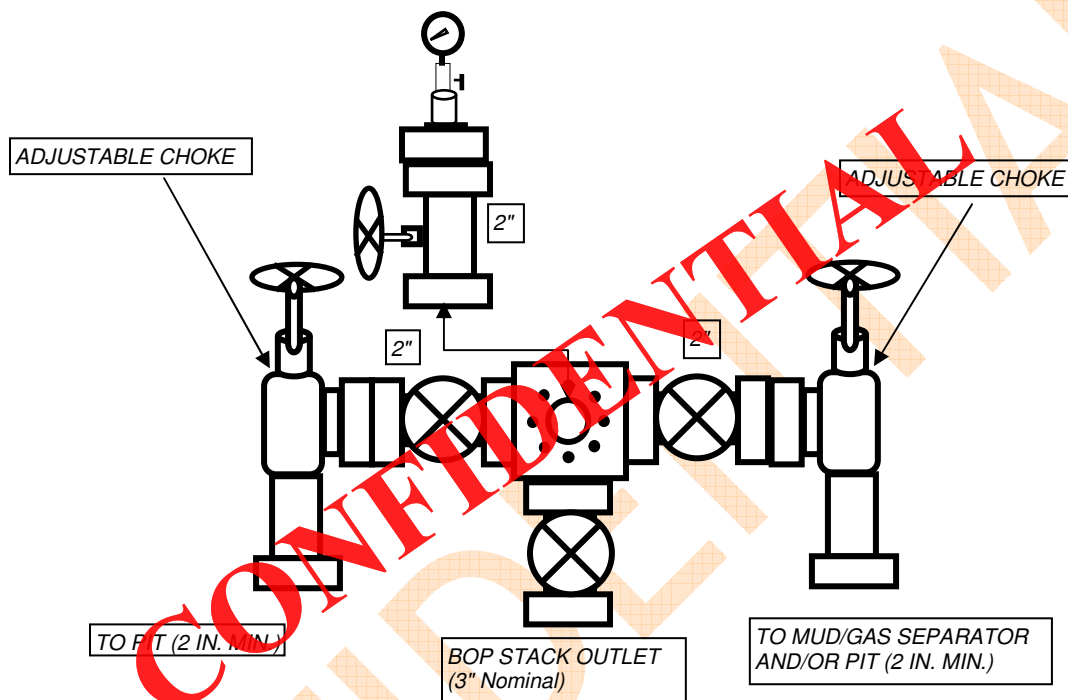


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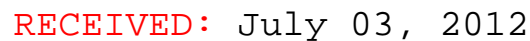
**TYPICAL 2,000 p.s.i. BLOWOUT PREVENTER**

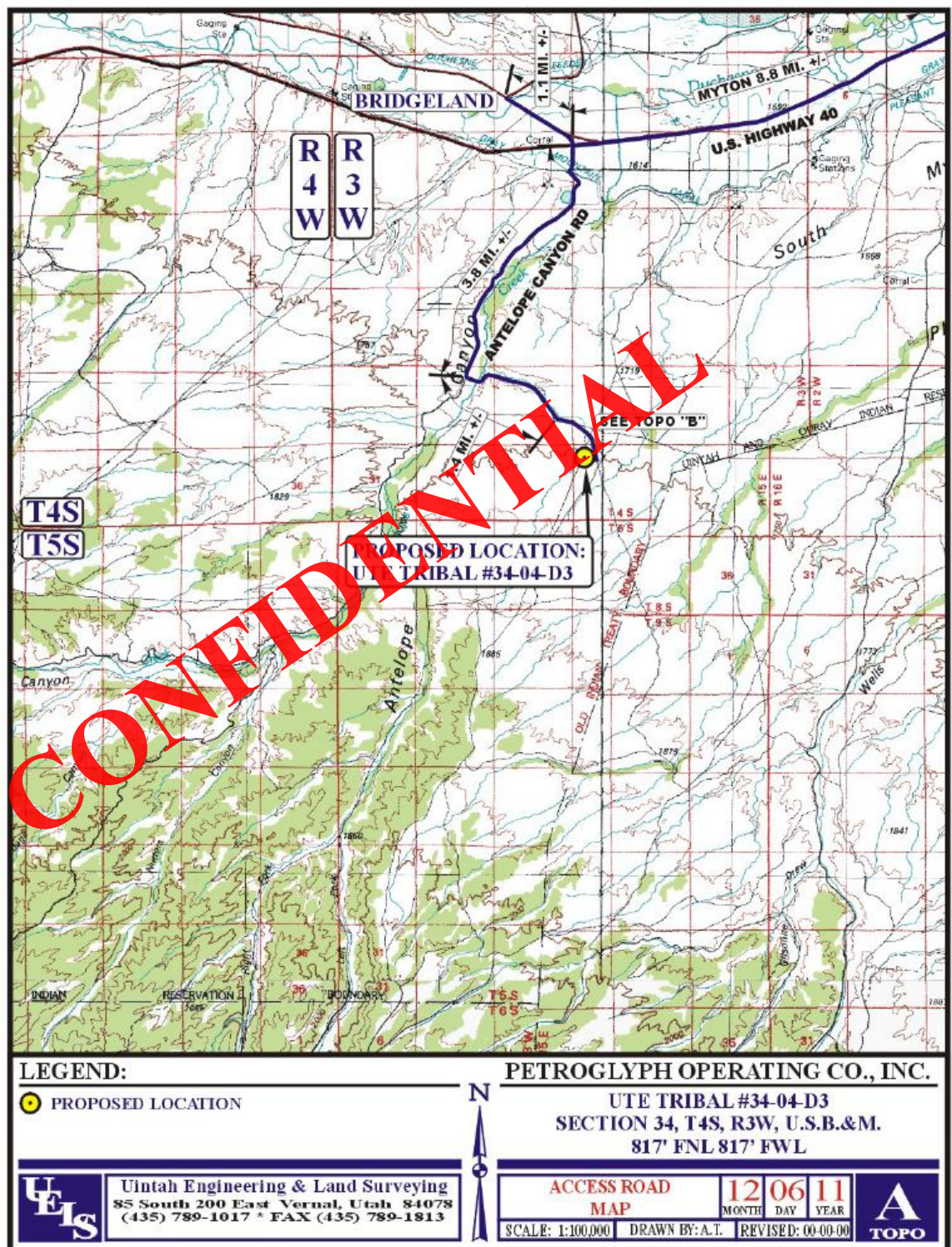


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**DUCHESNE COUNTY, UTAH**  
**TYPICAL 2,000 p.s.i. CHOKE MANIFOLD**











FILE COPY

MEMORANDUM OF SURFACE USE AND  
RIGHT-OF-WAY AGREEMENT

## THIS MEMORANDUM WITNESSES:

THAT on the 16th day of June, 1997, between ORVEN J MOON AND DELPHIA N MOON, TRUSTEES, whose address is East Highway, Neola, Utah 84053 84021 (GRANTOR), in consideration of the covenants and agreements contained in that certain Surface Use and Right-Of-Way Agreement dated JUNE 25th 1997 (the "Agreement"), has granted and conveyed, and by these presents does hereby grant and convey to PETROGLYPH OPERATING COMPANY, INC., whose address is 6209 North Highway 61, P.O. Box 1839, Hutchinson, Kansas 67502 (GRANTEE), certain rights of surface use, rights-of-way, and easements for the exploration, development, production, and transportation of oil and gas in, on, over, through and across certain real property owned by GRANTOR and situated in the County of Duchesne, State of Utah, and more particularly described as follows:

Township 4 South - Range 3 West USM

Section 16: SW/4 SW/4

Section 27: All

Section 28: SE/4 SE/4

Section 33: E/2 NE/4, SE/4 SE/4

Section 34: All

Containing 1,450.00 acres, more or less.

E 320862 B A0280 P 259  
DATE 1-JUL-1997 16:26PM FEE 17.00  
CAROLYN B. MADSEN, RECORDER  
FILED BY CRY  
FOR ED TROTTER  
DUCHESNE COUNTY CORPORATION

Said rights and uses are granted upon and subject to all of the terms and conditions set forth in the Agreement, executed by GRANTOR and GRANTEE, which Agreement is held by and can be inspected by parties having a vested interest in the Agreement and/or subject property during reasonable business hours at the offices of GRANTOR or GRANTEE. Such uses, rights-of-way and easements are granted for the full period of development of and the production life of any of the wells, appurtenances and facilities associated therewith.

IN WITNESS WHEREOF, this Memorandum has been duly executed this 25<sup>th</sup> day of June, 1997.

GRANTOR ORVEN J MOON AND DELPHIA N MOON, TRUSTEES

By: Orven J Moon

By: Delphia N. Moon

GRANTEE PETROGLYPH OPERATING COMPANY, INC.

By: Ed Trotter

Its: Agent

ACKNOWLEDGMENTS

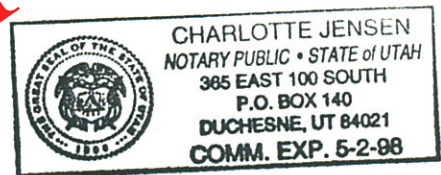
STATE OF UTAH )  
 : ss.  
COUNTY OF DUCHESNE )

The foregoing instrument was acknowledged before me this 25<sup>th</sup> day of June, 1997 by ORVEN J MOON AND DELPHIA N MOON, TRUSTEES.

Charlotte Jensen  
Notary Public  
Residing in: Duchesne, UT

Commission Expires:

5-2-98



ACKNOWLEDGMENT

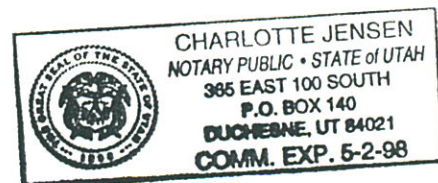
STATE OF <sup>Utah</sup> ~~KANSAS~~ )  
 : ss.  
COUNTY OF Duchesne )

The foregoing instrument was acknowledged before me this 25<sup>th</sup> day of June, 1997 by Ed Trotter, the Agent of PETROGLYPH OPERATING COMPANY, INC.

Charlotte Jensen  
Notary Public  
Residing in: Duchesne, UT

My Commission Expires:

5-2-98



### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petroglyph Operating Co., Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that Petroglyph Operating Co., Inc. is considered to be the operator of the **UTE TRIBAL 34-04-D3 Well, located in NW/NW of Section 34, T4S, R3W, Duchesne County, Utah, lease #14-20-H62-4737**; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #LP4138153.

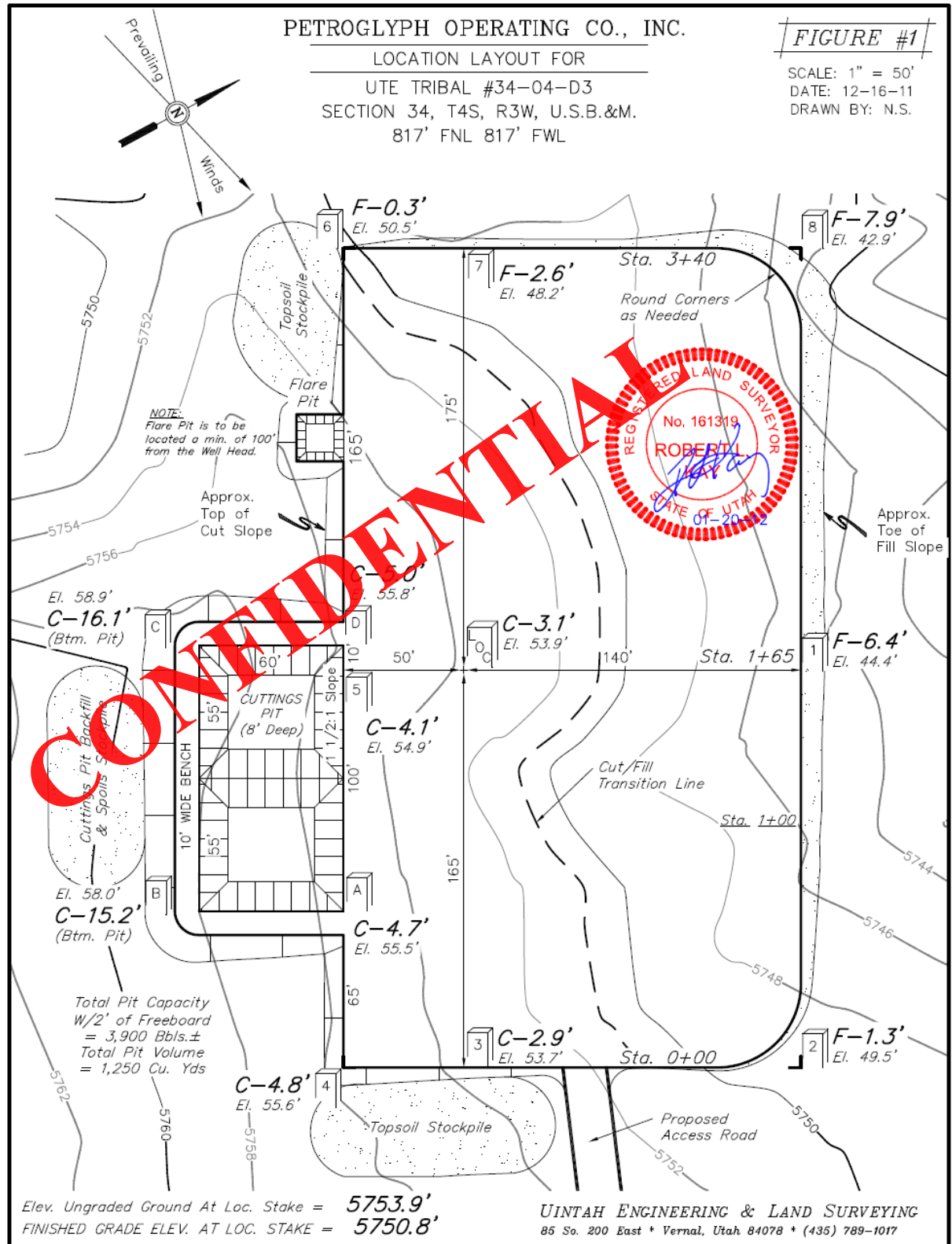
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Date

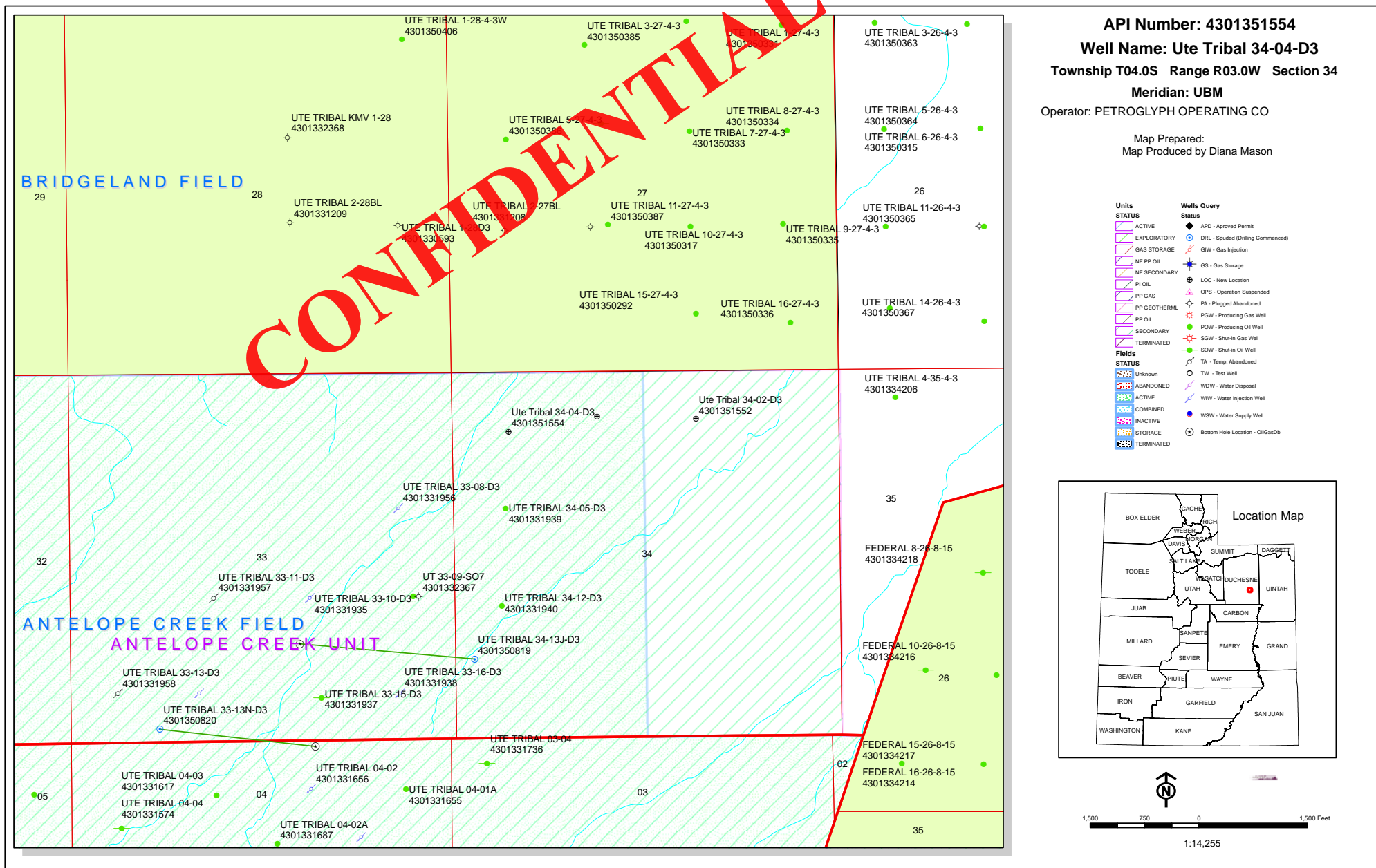
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Agent

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# **ON-SITE PREDRILL EVALUATION**

## **Utah Division of Oil, Gas and Mining**

**Operator** PETROGLYPH OPERATING CO  
**Well Name** Ute Tribal 34-04-D3  
**API Number** 43013515540000 **APD No** 6292 **Field/Unit** ANTELOPE CREEK  
**Location: 1/4,1/4** NWNW **Sec** 34 **Tw** 4.0S **Rng** 3.0W 817 FNL 817 FWL  
**GPS Coord (UTM)** 566861 4438745 **Surface Owner** Kenneth A. Moon

### **Participants**

Les Farnsworth & Ed Trotter (Petroglyph Operating); Bill Civish (BLM)

### **Regional/Local Setting & Topography**

The Ute Tribal 34-04-D3 well is proposed in northeastern Utah on the southern portion of the Uintah Basin, approximately 4.0 miles south of the Bridgeland, U.S. Highway 40 junction and immediately east of the Antelope Creek Field Access road on Gilsomite Ridge. This broad ridge is nearly flat, open and void of trees, bench like habitat that slopes generally northerly and has been utilized as sheep or cattle pasture since this area was settled. Antelope Canyon is the nearest major drainage system and found approximately 2.0 miles to the west of this site. Oilfield development is found to the north, east and south of this proposed site.

### **Surface Use Plan**

#### **Current Surface Use**

Grazing  
Wildlife Habitat

#### **New Road Miles**

0.12

#### **Well Pad**

Width 250 Length 340

#### **Src Const Material**

Onsite

#### **Surface Formation**

UNTA

#### **Ancillary Facilities** N

### **Waste Management Plan Adequate?**

### **Environmental Parameters**

#### **Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Sagebrush, shad scale, rabbit brush, bunch grass, prickly pear cactus.

Potential antelope, coyote, mule deer and elk during winter months, fox, rabbit, prairie dog and other smaller mammals and birds native to region, not any perching opportunity for eagle or hawk other than artificial tanks, etc.

#### **Soil Type and Characteristics**

Tan to light brown, fine grained sandy loam with some clays present.

#### **Erosion Issues** N

#### **Sedimentation Issues** N

**Site Stability Issues** N**Drainage Diversion Required?** Y

Re-route shallow drainage around pad.

**Berm Required?** Y**Erosion Sedimentation Control Required?** N**Paleo Survey Run?** Y **Paleo Potential Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	>200	0
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	High permeability	20
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>		0
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		25

1 Sensitivity Level

**Characteristics / Requirements**

Reserve pit proposed in cut, just off the southern border of location and adjacent to prevailing winds, measuring 60' wide by 110' long by 8' deep.

**Closed Loop Mud Required?** **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?****Other Observations / Comments**

Slopes to the north, shallow drainage needs routed around northern side of location, landowner agreement in place.

Dennis Ingram  
Evaluator

9/12/2012  
Date / Time

# Application for Permit to Drill

## Statement of Basis

### Utah Division of Oil, Gas and Mining

<b>APD No</b>	<b>API WellNo</b>	<b>Status</b>	<b>Well Type</b>	<b>Surf Owner</b>	<b>CBM</b>
6292	43013515540000	LOCKED	OW	P	No
<b>Operator</b>	PETROGLYPH OPERATING CO		<b>Surface Owner-APD</b>	Kenneth A. Moon	
<b>Well Name</b>	Ute Tribal 34-04-D3		<b>Unit</b>	ANTELOPE CREEK	
<b>Field</b>	ANTELOPE CREEK		<b>Type of Work</b>	DRILL	
<b>Location</b>	NWNW 34 4S 3W U 817 FNL 817 FWL GPS Coord (UTM) 566861E 4438745N				

#### Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill  
APD Evaluator

9/20/2012  
Date / Time

#### Surface Statement of Basis

A presite visit was scheduled for September 12, 2012 to take input and address issues regarding the constructing and drilling of this well site. Ken Moon was shown as the landowner of record and therefore was contacted by telephone and invited to the presite meeting. A landowner agreement is in place and Mr. Moon did not attend nor have any input regarding the surface issues.

The surface at this wellsite is relatively flat and slopes northerly, showing a 4.8 foot cut along the southeastern corner number 4 and 7.9 feet of fill at the northern corner number 8. A shallow drainage cuts across the location and needs diverted around corner number 2. The proposed reserve pit is staked along the south side of the location and in cut. The operator shall install a 16 mil or thicker synthetic liner in the reserve pit after construction. Topsoil shall be stored just off the eastern side of location between corners number 4 and the access road. The operator shall utilize a paint color that has been stipulated by the BLM and one that is consistent with adjacent wells. No other issues were noted.

Dennis Ingram  
Onsite Evaluator

9/12/2012  
Date / Time

#### Conditions of Approval / Application for Permit to Drill

<b>Category</b>	<b>Condition</b>
	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Pits	The reserve pit should be located on the south side of the location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/3/2012

API NO. ASSIGNED: 43013515540000

WELL NAME: Ute Tribal 34-04-D3

OPERATOR: PETROGLYPH OPERATING CO (N3800)

PHONE NUMBER: 435 789-4120

CONTACT: Ed Trotter

PROPOSED LOCATION: NWNW 34 040S 030W

Permit Tech Review: ☒

SURFACE: 0817 FNL 0817 FWL

Engineering Review: ☐

BOTTOM: 0817 FNL 0817 FWL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.09634

LONGITUDE: -110.21562

UTM SURF EASTINGS: 566861.00

NORTHINGS: 4438745.00

FIELD NAME: ANTELOPE CREEK

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-4737

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: INDIAN - LPM4138336☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 43-8342☐ RDCC Review:☒ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

☐ R649-2-3.

Unit: ANTELOPE CREEK

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 214-2

Effective Date: 6/9/2000

Siting: Suspends General Siting

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason  
5 - Statement of Basis - bhill

RECEIVED: September 24, 2012



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## Permit To Drill

\*\*\*\*\*

**Well Name:** Ute Tribal 34-04-D3

**API Well Number:** 43013515540000

**Lease Number:** 14-20-H62-4737

**Surface Owner:** FEE (PRIVATE)

**Approval Date:** 9/24/2012

### Issued to:

PETROGLYPH OPERATING CO, 960 Broadway Avenue, Ste 500, Bosie, ID 83703

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 214-2. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

### Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 21 2012

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

## APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. 1420H624737
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		2. Name of Operator PETROGLYPH OPERATING CO., INC. Contact: ED H TROTTER Email: edtrotter@easilink.com		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 607 ROOSEVELT, UT 84066		3b. Phone No. (include area code) Ph: 435-789-4120 Fx: 435-789-1420		7. If Unit or CA Agreement, Name and No. 1420H624650
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW 817FNL 817FWL At proposed prod. zone NWNW 817FNL 817FWL		10. Field and Pool, or Exploratory ANTELOPE CREEK		8. Lease Name and Well No. UTE TRIBAL 34-04-D3
14. Distance in miles and direction from nearest town or post office* 14.92 MILES SOUTHWEST OF MYTON, UT		16. No. of Acres in Lease 616.00		9. API Well No. 43 013 51554
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 817'		19. Proposed Depth 6039 MD		11. Sec., T., R., M., or Blk. and Survey or Area Sec 34 T4S R3W Mer UBM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 437'		22. Approximate date work will start 10/15/2012		12. County or Parish DUCHESNE
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5751 GL		23. Estimated duration 45 DAYS		13. State UT
17. Spacing Unit dedicated to this well				
20. BLM/BIA Bond No. on file LPM4138335				

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) LESTER FARNSWORTH Ph: 435-722-2531	Date 08/21/2012
Title DISTRICT MANAGER		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date MAR 18 2013
Title	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

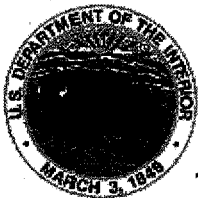
Electronic Submission #146848 verified by the BLM Well Information System  
For PETROGLYPH OPERATING CO., INC., sent to the Vernal  
Committed to AFMSS for processing by LESLIE ROBINSON on 08/29/2012.0

DIV. OF OIL, GAS &amp; MINING

UDOGM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*



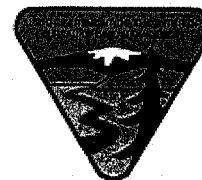


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: PETROGLPH OPERATING CO.  
Well No: UTE TRIBAL 34-04-D3  
API No: 43-013-51554

Location: NWNW Sec. 34, T4S, R3W  
Lease No: 14-20-H62-4737  
Agreement: N/A

**OFFICE NUMBER: (435) 781-4400**

**OFFICE FAX NUMBER: (435) 781-3420**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: <a href="mailto:blm_ut_vn_opreport@blm.gov">blm_ut_vn_opreport@blm.gov</a> .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

Any deviation of submitted APD's, which includes Petroglyph's surface use plan, and the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.

- All operator employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's, and COA authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations should be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel will refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the BLM will be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease until resources can be identified and protected properly.
- Production facilities would be painted Covert Green for the 34-02-D3, 34-03-D3, 34-04-D3 to blend in with the surrounding habitat, unless otherwise stated from the private land owner agreement.
- Site reclamation would be accomplished for portions of the well pad not needed for production, within 6 months of completion, weather permitting. This also includes any roads, and pipeline areas that have been disturbed as well. Roads and pipeline disturbances can undergo reclamation immediately after the pipeline is installed and after the roads are built. Please contact surface owner or the BLM AO for possible seed mixes to use in the project area. Non-natives can be used; however lbs/ac must be kept low to minimize the chance of a monoculture.

The pad locations will be recontoured and planted in native vegetation as per the land owner's request.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- Gamma Ray Log shall be run from Total Depth to Surface
- CBL will be run from TD to TOC
- Cement for the surface casing will be circulated to the surface.
- Cement for long-string shall be circulated 200' above surface casing shoe.

**Variances Granted**

- Variance for Air-drilling is granted per APD

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at [www.ONRR.gov](http://www.ONRR.gov).
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> Ute In
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:  <input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/24/2013  <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE   <input type="checkbox"/> CHANGE TO PREVIOUS PLANS   <input type="checkbox"/> CHANGE WELL STATUS   <input type="checkbox"/> DEEPEN   <input type="checkbox"/> OPERATOR CHANGE   <input type="checkbox"/> PRODUCTION START OR RESUME   <input type="checkbox"/> REPERFORATE CURRENT FORMATION   <input type="checkbox"/> TUBING REPAIR   <input type="checkbox"/> WATER SHUTOFF   <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING   <input type="checkbox"/> CHANGE TUBING   <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS   <input type="checkbox"/> FRACTURE TREAT   <input type="checkbox"/> PLUG AND ABANDON   <input type="checkbox"/> RECLAMATION OF WELL SITE   <input type="checkbox"/> SIDETRACK TO REPAIR WELL   <input type="checkbox"/> VENT OR FLARE   <input type="checkbox"/> SI TA STATUS EXTENSION   <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR   <input type="checkbox"/> CHANGE WELL NAME   <input type="checkbox"/> CONVERT WELL TYPE   <input type="checkbox"/> NEW CONSTRUCTION   <input type="checkbox"/> PLUG BACK   <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION   <input type="checkbox"/> TEMPORARY ABANDON   <input type="checkbox"/> WATER DISPOSAL   <input type="checkbox"/> APD EXTENSION           OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  This well was spud on 08/21/2013 at approximately 9:00 A.M. Using a Bucket Rig (BR 2) provided by Craig's Roustabout Service-Vernal UT, we set 60' of 16" Conductor. For additional information please contact our staff at 435-722-2531		
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado		<b>PHONE NUMBER</b> 435 722-5302
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory & Compliance Spc
<b>DATE</b> 8/21/2013		

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 August 22, 2013



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> Ute In
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500, Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>9/4/2013</b>	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

This well is currently permitted as a vertical wellbore to be drilled to a TD of 6039'MD. Petroglyph Operating proposes to deepen the referenced well to a TD of 6802'MD. The well will remain a vertical wellbore and the BHL will remain the same. Cement volumes will be adjusted to ensure cement is circulated to surface with appropriate excess. This change is being proposed to facilitate Stratigraphic Testing.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** September 04, 2013

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/30/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013515540000**

**As requested, the increased depth is for stratigraphic evaluation only. The well cannot be completed outside the waterflood interval (defined interval in the Green River formation) without further approval. The well cannot be completed in both the Green River and Wasatch formation and cannot have commingled production from these two formations.**

CONFIDENTIAL ~~CONFIDENTIAL~~

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Rig Name/# Craig's /Air rig  
Submitted By Rodrigo Jurado Phone Number 435-722-5302  
Well Name/Number Ute Tribal 34-04-D3  
Qtr/Qtr NWNW Section 34 Township 4S Range 3W  
Lease Serial Number 14-20-H62-4737  
API Number 43-013-51554

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing  
☐ Intermediate Casing  
☐ Production Casing  
☐ Liner  
☐ Other

Date/Time 8/26/2013 07:00 AM ☐ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point  
☐ BOPE test at intermediate casing point  
☐ 30 day BOPE test  
☐ Other

RECEIVED

AUG 25 2013

DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Remarks We intend to run +/- 500' of 8-5/5" J-55 Sfc Casing at the time indicated. (Sent 8/25/2013 @ 8:00 P.M.)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

RECEIVED

FORM 6

AUG 21 2013

ENTITY ACTION FORM

Div. of Oil, Gas & Mining

Operator: Petroglyph Operating Company Operator Account Number: N 3800  
Address: P.O. Box 607  
city Roosevelt  
state UT zip 84066 Phone Number: (435) 722-2531

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301351554	Ute Tribal 34-04-D3		NWNW	34	4S	3W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	12270	8/21/2013			8/22/2013	
Comments: Please add well to existing Ute Tribal 34-12-D3 Tank Battery.							

CONFIDENTIAL

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Rodrigo Jurado

Name (Please Print)

Signature

Regulatory Compliance Spc

8/21/2013

Title

Date

CONFIDENTIAL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Co. Rig Name/# Capstar 334  
Submitted By Jon Willis Phone Number 970-361-3271  
Well Name/Number Ute Tribal 34-04-D3  
Qtr/Qtr NW/NW Section 34 Township 4S Range 3W  
Lease Serial Number 14-20-H62-4737  
API Number 43-013-51554

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing  
☐ Intermediate Casing  
☒ Production Casing  
☐ Liner  
☐ Other

Date/Time 09/06/2013 20:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point  
☐ BOPE test at intermediate casing point  
☐ 30 day BOPE test  
☐ Other

RECEIVED

SEP 09 2013

DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Remarks Should be running casing tomorrow evening.

CONFIDENTIAL

Print Form

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Co. Rig Name/# Capstar 334  
Submitted By Jon Willis Phone Number 970-361-3271  
Well Name/Number Ute Tribal 34-04-D3  
Qtr/Qtr NW/NW Section 34 Township 4S Range 3W  
Lease Serial Number 14-20-H62-4737  
API Number 43-013-51554

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

**RECEIVED**

SEP 01 2013

DIV. OF OIL, GAS & MINING

Date/Time \_\_\_\_\_ AM ☐ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 09/02/2013 16:00 AM ☐ PM ☒

Remarks \_\_\_\_\_  
\_\_\_\_\_

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> Ute In			
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK			
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500, Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000			
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/16/2013  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input checked="" type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Please see attached. <div style="text-align: right; margin-top: 20px;"> <b>Accepted by the          Utah Division of          Oil, Gas and Mining</b>   <b>Date:</b> October 16, 2013  <b>By:</b> <u><i>Derek Quist</i></u> </div>					
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado		<b>PHONE NUMBER</b> 435 722-5302			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory & Compliance Spc			
<b>DATE</b> 10/15/2013					



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
2. NAME OF OPERATOR: Petroglyph Operating Company Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 817' FNL, 817' FWL		8. WELL NAME and NUMBER: Ute Tribal 34-04-D3
PHONE NUMBER: (435) 722-2531		9. API NUMBER: 4301351524
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 T4S R3W U		10. FIELD AND POOL, OR WILDCAT: Antelope Creek

COUNTY: Duchesne

STATE: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 10/16/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

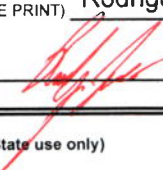
## 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well lies within Petroglyph Operating's Antelope Creek Waterflood Area and was drilled into the Wasatch for stratigraphic testing. Petroglyph Operating currently waterfloods the Green River Formation from the top of the B Marker to the bottom of the Castle Peak. Petroglyph Operating would like to complete the well below the waterflood interval and test the production potential of Basal Carbonate (Uteland Butte) and Wasatch. The tops of the Basal Carbonate & Wasatch were found at 6214' & 6500', respectively. We plan to perforate the following: 6263-64, 6268-70, 6280-82, 6286-90, 6297-99, 6305-08, 6312-13, 6328-30, 6347-49, 6436-40, 6774-77, 6801-14 & 6830-37.

We plan to treat the following:

6263-6349: 35,000 gal of 15% Hcl followed by a fresh water overflush,  
6436-6440: 8,400 gal of gelled fluid containing 15,000#'s of 20/40 mesh sand,  
6774-6837: 33,600 gal of gelled fluid containing 60,000#'s of 20/40 mesh sand.

The well will be swabbed as necessary before being put to pump. Subsurface commingling will not occur. The proposed production interval will be plugged before completing into upper zones. Upper zones will not be completed without prior approval.

NAME (PLEASE PRINT) <u>Rodrigo Jurado</u>	TITLE <u>Regulatory Compliance Specialist.</u>
SIGNATURE 	DATE <u>10/15/2013</u>

(This space for State use only)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> Ute In
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>10/30/2013</b>
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	OTHER: <input style="width: 100px;" type="text"/>		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

The date of first production for this well was 10/30/2013.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 05, 2013

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/5/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> Ute In
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500 , Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input checked="" type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>10/30/2013</b>
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

Please see attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 January 17, 2014**

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/17/2014	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
2. NAME OF OPERATOR: Petroglyph Operating Company Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 817 FNL, 817' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 4S 3W U		8. WELL NAME and NUMBER: Ute Tribal 34-04-D3
PHONE NUMBER: (435) 722-2531		9. API NUMBER: 4301351554
COUNTY: Duchesne		10. FIELD AND POOL, OR WILDCAT: Antelope Creek
STATE: UTAH		

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/30/2013	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 10/9/2013 Petroglyph Operating ran GR/CBL and found ETOC @ 110', then on 10/16/2013 perforated the following: 6830-37, 6801-14, 6774-77, 6436-40, 6347-49, 632830, 6312-13, 6305-08, 6297-99, 6286-90, 6280-82, 6268-70, 6263-64. We isolated and fracture treated the following intervals:  
 6,774'-6,837': 786 Bbls of fluid containing 55,930#'s of sand,  
 6,436'-6,440': 377 Bbls of fluid containing 14,970#'s of sand,  
 6,263'-6,349': 1,007 Bbls of 15% Hcl followed by 159 Bbls fresh water overflush.  
 Isolation plugs used were Halliburton 8K Composite Plugs, fluid used was Delta 140 18# gelled fluid, sand used was 20/40 Mesh Premium White Sand and guns used were Titan 3-1/8", containing 22.7 gram charges, 0.42" EHD, 23.54" TTP @ 4 SPF @ 120\* Phased. All plugs were drilled out and cleaned out to PBTD, 6,889' & the well was swabbed until a good oil cut was seen. We then ran a pump on 10/30/2013 and put to pump.

NAME (PLEASE PRINT) <u>Rodrigo Jurado</u>	TITLE <u>Regulatory Compliance Specialist</u>
SIGNATURE 	DATE <u>1/16/2014</u>

(This space for State use only)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8  
(highlight changes)5. LEASE DESIGNATION AND SERIAL NUMBER:  
14-20-H62-47376. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Indian Tribe7. UNIT or CA AGREEMENT NAME  
14-20-H62-46508. WELL NAME and NUMBER:  
Ute Tribal 34-04-D39. API NUMBER:  
430135155410. FIELD AND POOL, OR WILDCAT  
Antelope Creek11. QTR/QTR, SECTION, TOWNSHIP, RANGE,  
MERIDIAN:  
NWNW 34 4S 3W U12. COUNTY  
Duchesne13. STATE  
UTAH

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_b. TYPE OF WORK: NEW WELL ☒ HORIZ LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_2. NAME OF OPERATOR:  
Petroglyph Operating Company, Inc.3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066  
PHONE NUMBER: (435) 722-25314. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 817' FNL, 817' FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: 835' FNL, 789' FWL  
AT TOTAL DEPTH: 834' FNL, 789' FWL14. DATE SPUDDED: 8/21/2013 15. DATE T.D. REACHED: 9/6/2013 16. DATE COMPLETED: 10/30/2013  
ABANDONED ☐ READY TO PRODUCE ☒17. ELEVATIONS (DF, RKB, RT, GL):  
5,765'18. TOTAL DEPTH: MD 6,951  
TVD 6,951 19. PLUG BACK T.D.: MD 6,889  
TVD 6,889

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD  
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

ACTR, SDDSN, Borehole Volume Plot, Cement Bond Log

23.  
WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

## 24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 J-55	75	0	73					Conductor
12.25	8.625 J-55	24	0	521		G 521	68	0	
7.875	5.5 J-55	15.5	0	6,951		G 965	293	110 CBL	

## 25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	6,799							

## 26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Wasatch	6,436	6,837	6,436	6,837	6,263 6,837	0.42	184	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B) Basal Carbonate	6,263	6,440	6,263	6,349				Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

## 27. PERFORATION RECORD

## 28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
6,263'-6,349'	1,007 Bbls of 15% Hcl followed by 159 Bbls fresh water overflush.
6,436'-6,837'	1,163 Bbls of Delta 140 18# Gelled Fluid containing 70,900#'s of 20/40 Mesh Sand.

## 29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: DOGM Form 7

## 30. WELL STATUS:

POW



## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/30/2013		TEST DATE: 11/24/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 15	GAS – MCF: 12	WATER – BBL: 16	PROD. METHOD: Rod Pump
CHOKE SIZE: 34/64	TBG. PRESS. 50	CSG. PRESS. 45	API GRAVITY 40.08	BTU – GAS 1	GAS/OIL RATIO 800	24 HR PRODUCTION RATES: →	OIL – BBL: 15	GAS – MCF: 12	WATER – BBL: 16	INTERVAL STATUS: Open

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Used for Fuel

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Mahogany	3,026
				Garden Gulch	3,785
				B Marker	4,196
				X Marker	4,710
				Y Marker	4,742
				Douglas Creek	4,860
				B Lime	5,270
				Castle Peak	5,827
				Basal Carbonate	6,214
				Wasatch	6,500

## 35. ADDITIONAL REMARKS (Include plugging procedure)

All Frac and Perf info is condensed. Please see NOI and Subsequent Frac Sundry for detailed record.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Rodrigo JuradoTITLE Regulatory Compliance SpecialistSIGNATURE DATE 3/6/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

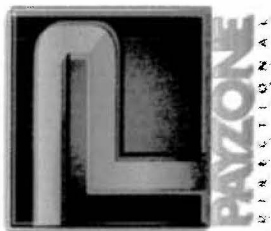
\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940



Job Number: UT131410  
 Company: Petroglyph  
 Lease/Well: Ute Tribal 34-04-D3  
 Location: Sec 34, T4S, R3W  
 Rig Name: Capstar 334  
 RKB: ☐  
 G.L. or M.S.L.: ☐

State/Country: UT/USA  
 Declination: 11.13  
 Grid: True  
 File name: C:\WINSERVE\UT131410.SVY  
 Date/Time: 06-Sep-13 / 10:55  
 Curve Name: Actual

### Payzone Directional Services LLC

WINSERVE SURVEY CALCULATIONS  
 Minimum Curvature Method  
 Vertical Section Plane .00  
 Vertical Section Referenced to Wellhead  
 Rectangular Coordinates Referenced to Wellhead

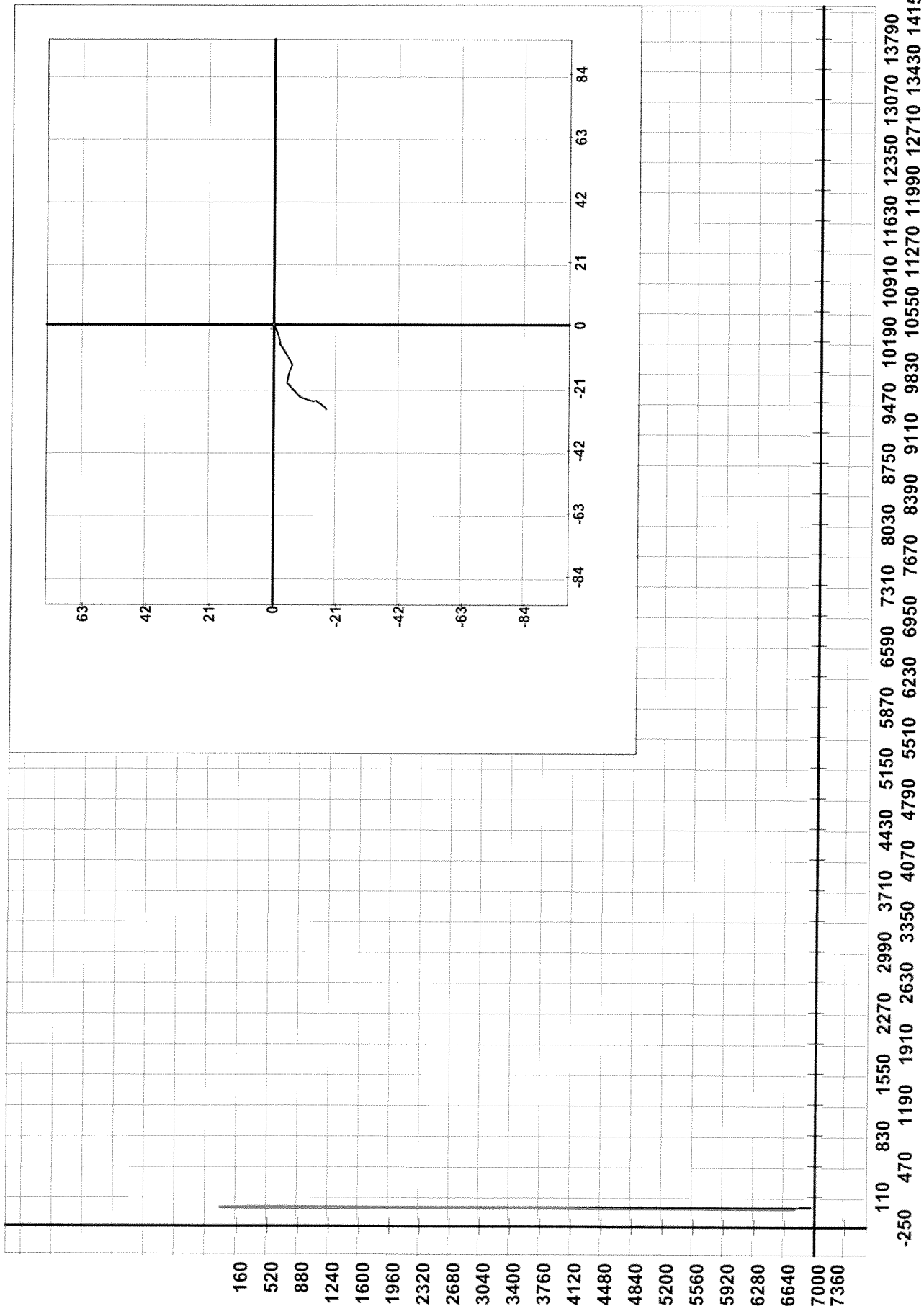
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
535.00	.35	244.63	535.00	-70	-1.48	-70	1.63	244.63	.07
855.00	.29	252.01	854.99	-1.37	-3.13	-1.37	3.42	246.38	.02
1312.00	.40	256.60	1311.98	-2.10	-5.78	-2.10	6.15	250.07	.02
1768.00	.20	62.50	1767.98	-2.10	-6.62	-2.10	6.95	252.43	.13
2225.00	.60	237.30	2224.97	-3.02	-7.93	-3.02	8.49	249.14	.17
2681.00	.26	243.37	2680.96	-4.78	-10.86	-4.78	11.87	246.27	.08
3138.00	.48	241.81	3137.95	-6.14	-13.48	-6.14	14.81	245.49	.05
3594.00	.50	343.10	3593.94	-5.14	-15.74	-5.14	16.56	251.91	.17
4051.00	.83	249.15	4050.92	-4.41	-19.41	-4.41	19.91	257.19	.22

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
4508.00	.93	208.02	4507.87	-8.87	-24.25	-8.87	25.82	249.92	.14
4965.00	.26	159.90	4964.84	-13.11	-25.63	-13.11	28.79	242.91	.17
5422.00	.04	254.47	5421.84	-14.13	-25.43	-14.13	29.09	240.94	.06
5878.00	.48	213.91	5877.84	-15.76	-26.65	-15.76	30.96	239.41	.10
6335.00	.13	245.50	6334.83	-17.56	-28.19	-17.56	33.21	238.08	.08
6790.00	.13	46.87	6789.83	-17.42	-28.28	-17.42	33.22	238.37	.06
6888.00	.04	74.21	6887.83	-17.34	-28.17	-17.34	33.08	238.39	.10
<b>Projection to Bit @ TD</b>									
6951.00	.04	74.21	6950.83	-17.32	-28.13	-17.32	33.03	238.37	.00



Declination: 11.13

Job Number: UT131410  
 Company: Petroglyph  
 Lease/Well: Ute Tribal 34-04-D3  
 Location: Sec 34, T4S, R3W  
 Rig Name: Capstar 334  
 State/Country: UT/USA



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## REPORT OF WATER ENCOUNTERED DURING DRILLING

Well name and number: Ute Tribal 34-04-D3API number: 4301351554Well Location: QQ NWNW Section 34 Township 4S Range 3W County DuchesneWell operator: Petroglyph Operating Company, Inc.Address: P.O. Box 607city Roosevelt state UT zip 84066Phone: (435) 722-2531Drilling contractor: ProPetro ServicesAddress: 1422 East 1500 Southcity Vernal state UT zip 84078Phone: (435) 789-1735

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
0	510	0	No Water Encountered

Formation tops:  
(Top to Bottom)

1	2	3
4	5	6
7	8	9
10	11	12

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Rodrigo JuradoTITLE Regulatory Compliance SpecialistSIGNATURE DATE 8/9/2013

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE			
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK			
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500, Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000			
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/3/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION          OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Please see attached. We plan to run in hole and set an 8K Composite Plug, Spot Cement above and recomplete the Green River Formation.					
<b>Approved by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> October 01, 2014 <b>By:</b> <u><i>Derek Quist</i></u>					
<b>Please Review Attached Conditions of Approval</b>					
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado		<b>PHONE NUMBER</b> 435 722-5302			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory & Compliance Spc			
<b>DATE</b> 9/26/2014					



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013515540000**

**Cannot be commingled with Wasatch formation perms.**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

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3. ADDRESS OF OPERATOR: CITY STATE ZIP		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER:		8. WELL NAME and NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
		STATE: <b>UTAH</b>

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	_____	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

NAME (PLEASE PRINT) \_\_\_\_\_ TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

(This space for State use only)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737																														
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE																														
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK																														
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500, Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3																														
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000																														
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE																														
<b>STATE:</b> UTAH																																
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																																
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/13/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER: <input style="width: 100px;" type="text"/></td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Petroglyph Operating Company, Inc. requests permission to commingle oil and gas production from the Wasatch and Green River Formations on the well referenced above. Mineral Ownership is the same throughout the well bore. Petroglyph Operating has made all necessary notifications in accordance with Utah's Oil, Gas, and Mining regulation R649-3-22. Please see the attached Affidavit of Notice and Map.																																
<b>REQUEST DENIED</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> November 20, 2014 <b>By:</b> <u><i>Derek Quist</i></u>																																
<b>Please Review Attached Conditions of Approval</b>																																
<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado		<b>PHONE NUMBER</b> 435 722-5302																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory & Compliance Spc																														
<b>DATE</b> 9/29/2014																																



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43013515540000**

**Commingling waterflood area with non-waterflood area. Requires Board approval.**

**AFFIDAVIT OF NOTICE**

State of Idaho            )  
                                  ) ss  
County of Ada            )

I, Nicole Colby, the affiant herein, being of lawful age and duly sworn upon her oath deposes and states as follows:

Nicole Colby is the Land Manager for Petroglyph Energy, Inc., an Idaho corporation, with headquarters located at 960 Broadway Avenue, Suite 500, Boise, ID 83706, and is duly authorized to make this Affidavit on behalf of said corporation.

Petroglyph Energy, Inc. has submitted notice to commingle production from the Wasatch and Green River formations in the following well lying within the boundaries of the Antelope Creek Plan of Cooperative Development – BIA Lease UTE 14-20-H62-4737:

UTE TRIBAL 34-04-D3

This Affidavit is made in accordance with Utah's Oil, Gas and Mining regulation R649-3-22. As operator, Petroglyph Energy, Inc., has provided notice to the owner of contiguous oil and gas leases or drilling units overlying the pool for the aforementioned well to the party below:

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, CO 80202.

Petroglyph Energy, Inc.

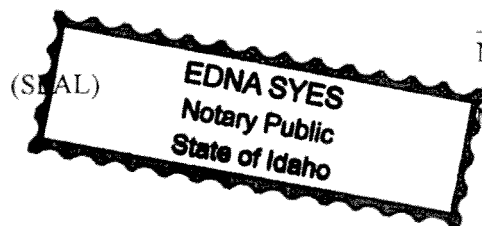


Nicole Colby, Manager  
Land and Regulatory Compliance

State of Idaho            )  
                                  ) ss  
County of Ada            )

The above and foregoing Affidavit was subscribed and sworn to before me on the 25<sup>th</sup> day of September, 2014, by Nicole Colby.

Witness my hand and official seal.



Edna Syes  
Notary Public

My Commission expires: 12 September 2020



**PETROGLYPH**

EXECUTIVE OFFICES



VIA U.S. MAIL DELIVERY

September 25, 2014

Newfield Production Company / Newfield Exploration Company  
Atten: Travis Lindsey  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, CO 80202

**UTE TRIBAL 34-04-D3**

Mr. Lindsey:

Petroglyph Operating Company, Inc., is submitting an Application to Commingle from the Wasatch and Green River formations in the referenced well.

In accordance with State of Utah Division of Oil, Gas and Mining R649-3-22 regarding completion into two or more pools, Petroglyph hereby provides written notice to Newfield Exploration Company/Newfield Production Company of the submission.

Please see enclosed copies of the Application to Commingle.

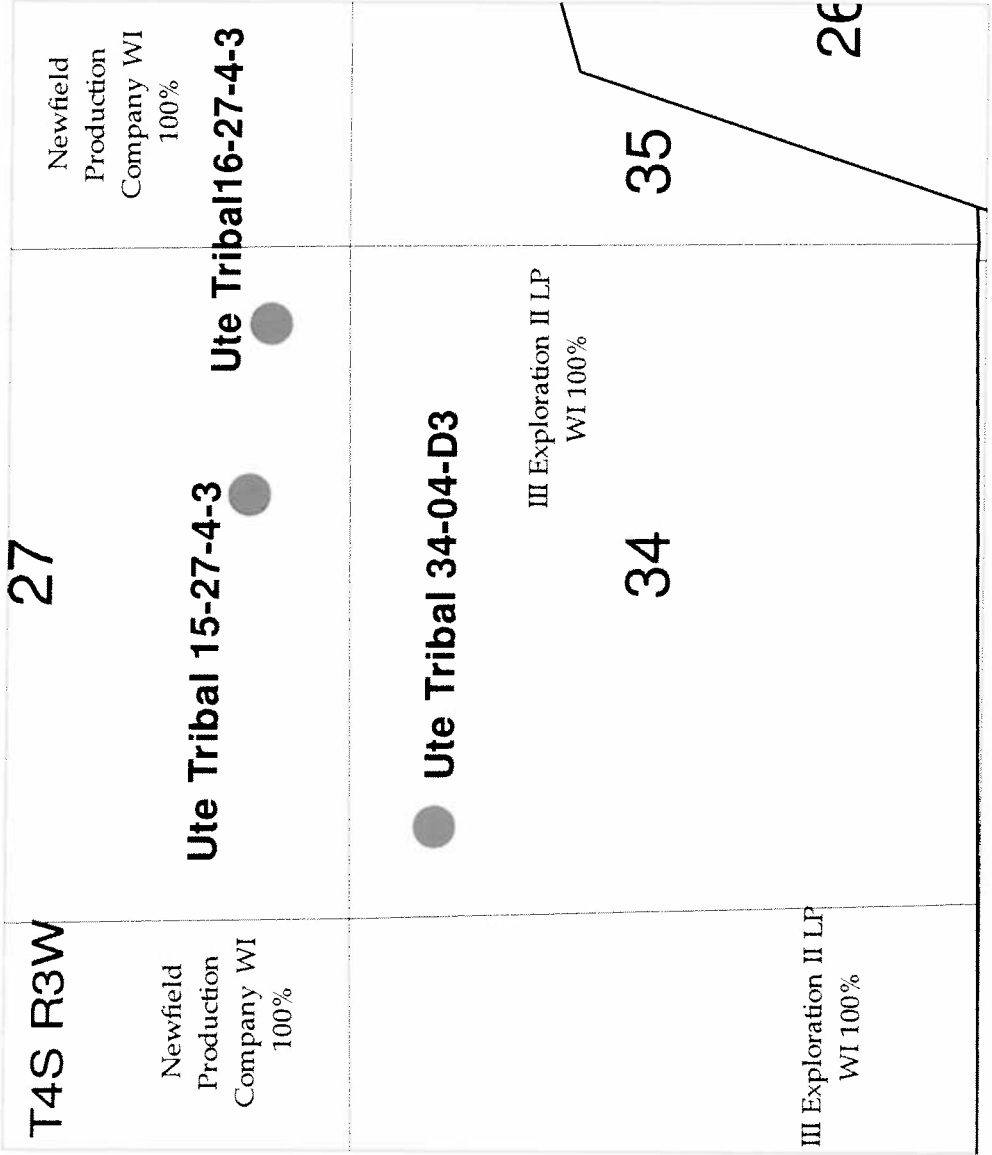
Please contact me at (208) 685-9711 if any questions.

Best Regards,

A handwritten signature in black ink, appearing to read 'Nicole Colby', with a stylized, cursive script.

Nicole Colby  
Manager, Land and Regulatory Compliance

**PETROGLYPH ENERGY, INC.**



1 inch = 1500 feet

<b>PETROGLYPH</b>	<b>ANTELOPE CREEK</b>
Duchesne County, Utah	
Application for Commingling Ute Tribal 34-04-D3	
DATE: 25-Sep-14	APPROVED: [Signature]

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ LATS <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR <input checked="" type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
2. NAME OF OPERATOR: Petroglyph Operating Company, Inc.		7. UNIT or CA AGREEMENT NAME 14-20-H62-4650
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		8. WELL NAME and NUMBER: Ute Tribal 34-04-D3
4. LOCATION OF WELL (FOOTAGES): AT SURFACE: 817' FNL, 817' FWL  AT TOP PRODUCING INTERVAL REPORTED BELOW: 835' FNL, 789' FWL  AT TOTAL DEPTH: 834' FNL, 789' FWL		9. API NUMBER: 4301351554
10. FIELD AND POOL, OR WILDCAT Antelope Creek		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 4S 3W U
		12. COUNTY Duchesne
		13. STATE UTAH

14. DATE SPUDDED: 8/21/2013	15. DATE T.D. REACHED: 8/6/2013	16. DATE COMPLETED: 10/11/2014	ABANDONED <input type="checkbox"/>	READY TO PRODUCE <input checked="" type="checkbox"/>	17. ELEVATIONS (DF, RKB, RT, GL): 5,765' RKB
18. TOTAL DEPTH: MD 6,951 TVD 6,951	19. PLUG BACK T.D.: MD 6,889 TVD 6,889	20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE MD 6,287 PLUG SET: TVD 6,287	
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)			23.		
			WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)		

**24. CASING AND LINER RECORD (Report all strings set in well)**

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 J-55	75	0	73					
12.25	8.625 J-55	24	0	521		G 521	68	0	
7.875	5.5 J-55	15.5	0	6,951		G 965	293	110' CBL	

**25. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	6,054							

**26. PRODUCING INTERVALS**

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Green River	4,224	6,153	4,224	6,153	4,224 6,153	0.42	564	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

**27. PERFORATION RECORD**

**28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4,224'-6,153'	3,567 Bbls of Delta 140 18# Gelled Fluid Containing 231,740# of 20/40 Mesh Sand.

**29. ENCLOSED ATTACHMENTS:**

☐ ELECTRICAL/MECHANICAL LOGS      ☐ GEOLOGIC REPORT      ☐ DST REPORT      ☐ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION      ☐ CORE ANALYSIS      ☐ OTHER: \_\_\_\_\_

**30. WELL STATUS:**

**POW**

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 10/12/2014	TEST DATE: 10/27/2014	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 31	GAS – MCF: 36	WATER – BBL: 99	PROD. METHOD: Rpd Pump
CHOKE SIZE: 32/64	TBG. PRESS. 50	CSG. PRESS. 50	API GRAVITY 38.50	BTU – GAS 1	GAS/OIL RATIO 1,161	24 HR PRODUCTION RATES: →	INTERVAL STATUS: Open

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Used for Fuel

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Mahogany	3,026
				Garden Gulch	3,785
				B Marker	4,196
				X Marker	4,710
				Y Marker	4,742
				Douglas Creek	4,860
				B Lime	5,270
				Castle Peak	5,827
				Basal Carbonate	6,214
				Wasatch	6,500

## 35. ADDITIONAL REMARKS (Include plugging procedure)

This well was plugged back above Basal Carbonate and re-completed in the Green River Formation. Logs Prev Submitted.

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Rodrigo JuradoTITLE Regulatory Compliance SpecialistSIGNATURE DATE 1/8/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500, Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>10/11/2014</b>
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text"/>			
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

Please see attached.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 January 23, 2015**

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/8/2015	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
2. NAME OF OPERATOR: Petroglyph Operating Company Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: P.O. Box 607 CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 817' FNL, 817' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34 4S 3W U		8. WELL NAME and NUMBER: Ute Tribal 34-04-D3
PHONE NUMBER: (435) 722-2531		9. API NUMBER: 4301351554
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: Antelope Creek

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 10/11/2014			

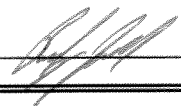
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 9/24/2014 Petroglyph Operating rigged up on the well referenced above and pulled the pump and tubing, made a bit and scraper run and set an 8K Composite Plug at 6287' and spotted 10' of cement on top. The plug was pressure tested but failed. We then ran in and set a CIBP at 6180'. Pressure tested well to 3800 Psi and plug held. We then perf the following: 4224-28, 4598-4603, 4647-5, 4658/-61, 4664-68, 4673-74, 4893-98, 5070-80, 5107-14, 5193-5200, 5212-15, 5490-94, 5504-12, 5516-23, 5586-90, 5600-04, 5607-10, 5619-21, 5624-26, 5630-36, 5647-49, 5674-76, 5682-84, 5741-47, 5762-64, 5768-70, 5778-80, 5789-93, 5844-46, 5849-55, 5883-86, 6123-24, 6136-38 & 6142-53.

We completed the following intervals:

5,741'-6,153': 779 Bbls of fluid containing 50,760#'s of sand,  
5,490'-5,684': 808 Bbls of fluid containing 76,730#'s of sand,  
5,193'-5,215': 483 Bbls of fluid containing 25,920#'s of sand,  
4,896'-5,114': 464 Bbls of fluid containing 26,130#'s of sand,  
4,598'-4,674': 561 Bbls of fluid containing 37,140#'s of sand,  
4,224'-4,228': 472 Bbls of fluid containing 15,060#'s of sand.

Isolation plugs used were Halliburton 8K Composite Plugs, fluid used was Delta 140 18# gelled fluid, sand used was 20/40 Mesh Premium White Sand and guns used were Titan 3-1/8", containing 22.7 gram charges, 0.42" EHD, 23.54" TTP @ 4 SPF @ 120\* Phased. All plugs were drilled out and cleaned out to PBTD, 6,185'. The well was swabbed until a good oil cut was seen, then ran a pump on 10/11/2014 and put to pump.

NAME (PLEASE PRINT): Rodrigo Jurado	TITLE: Regulatory Compliance Specialist
SIGNATURE: 	DATE: 12/31/2014

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> 14-20-H62-4737
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b> UTE
<b>2. NAME OF OPERATOR:</b> PETROGLYPH OPERATING CO		<b>7. UNIT or CA AGREEMENT NAME:</b> ANTELOPE CREEK
<b>3. ADDRESS OF OPERATOR:</b> 960 Broadway Avenue, Ste 500, Boise, ID, 83703		<b>8. WELL NAME and NUMBER:</b> UTE TRIBAL 34-04-D3
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0817 FNL 0817 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 34 Township: 04.0S Range: 03.0W Meridian: U		<b>9. API NUMBER:</b> 43013515540000
<b>9. FIELD and POOL or WILDCAT:</b> ANTELOPE CREEK		<b>COUNTY:</b> DUCHESNE
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input checked="" type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/11/2014				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

Please see attached.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 February 11, 2015

<b>NAME (PLEASE PRINT)</b> Rodrigo Jurado	<b>PHONE NUMBER</b> 435 722-5302	<b>TITLE</b> Regulatory & Compliance Spc
<b>SIGNATURE</b> N/A	<b>DATE</b> 12/31/2014	

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-4737
2. NAME OF OPERATOR: Petroglyph Operating Company Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Indian Tribe
3. ADDRESS OF OPERATOR: P.O. Box 607                      CITY: Roosevelt                      STATE: UT                      ZIP: 84066		7. UNIT or CA AGREEMENT NAME: 14-20-H62-4650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 817' FNL, 817' FWL  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 34    4S    3W    U		8. WELL NAME and NUMBER: Ute Tribal 34-04-D3  9. API NUMBER: 4301351554  10. FIELD AND POOL, OR WILDCAT: Antelope Creek
		COUNTY: Duchesne  STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
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NAME (PLEASE PRINT) <u>Rodrigo Jurado</u>	TITLE <u>Regulatory Compliance Specialist</u>
SIGNATURE	DATE <u>12/31/2014</u>

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